

Key features

- Frequency band 802.11a/b/g/n/ dual band concurrent
- With 4* external 5dBi SMA Antenna
- Provided with long range high power (29dBm)
- Gigabit Ethernet: 10/100/1000-based
- Multi modes support



The ECB600 is a wireless-11N 600Mbps (300Mbps+300Mbps) high power dual band concurrent access point/client bridge. It allows simultaneous operation of 2.4GHz and 5GHz wireless network. With media-optimized performance, you are allowed to enjoy Internet surfing more smoothly and with less lag.

The ECB600 ensures many advantages and is very user-friendly for the end users. Maximum 29dBm high power transmission provides extended coverage in your environment. The ECB600 can be configured to operate in several different modes - as a dual-band wireless-n access point or repeater. MSSID + VLAN in the LAN settings, makes the data more secure and easy to manage. The ECB600 is provided with standard PoE interoperable 802.3af/at, which makes Internet connection more flexible.

The ECB600 is designed with 4 detachable high gain antennas, which deliver larger coverage and higher throughput in the environment. The elegant body and white outlook will upgrade aesthetic feeling in the working environment. The ECB600 is the best choice for the business offices.



Hardware

Memory: 64MB
Flash: 8MB

Antenna

4* detachable 5dBi SMA antenna (2* 2.4GHz,
2* 5GHz)

Physical interface

LAN: 1* 10/100/1000 Gigabit Ethernet
(802.3af PoE standard supported)
Reset button
Power jack
Power on/off switch

Power requirement

Adapter: 12V/2A

Frequency band

2.4GHz and 5GHz

Data rate

Up to 600Mbps (300 +300Mbps)

Software

Operation modes
Access point/Client bridge/WDS AP/WDS
Bridge/Repeater

Wireless/Network

Wireless mode - 11a / 11b / 11g / 11n
Channel selection (Setting varies by country)
Channel bandwidth (Auto, 20Mhz, 40Mhz)
Transmission rate:
2.4GHz: 11n only, 11b/g/n mix, 11b only,
11b/g, 11g only
5GHz: 11n only mode, 11a/n mix mode,
11a only mode

Security

WEP (64/128bit)
WPA/WPA2: TKIP/AES
MAC address filtering (WLAN, up to 50 fields)
Support EAP: EAP-TLS, EAP-TTLS/MSCHAPv2,
PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC,
EAP-SIM, EAP-AKA
802.1x Authenticator MD5/TLS/TTLS, PEAP

QoS (Quality of Service)

WMM (Wireless Multimedia)
Load balance per SSID

Environment & mechanical

Temperature range
0 to 50°C - Operating
-20 to 60°C - Storage
Humidity (non-condensing)
90% or less - Operating
90% or less - Storage

Package contents

ECB600
Power Adapter (12V/2A)
QiG
CD (Users's manual)
1* Ethernet cable
1* Wall mount kit
4* Detachable antenna